

FIG. 1 is a block diagram of a network architecture.

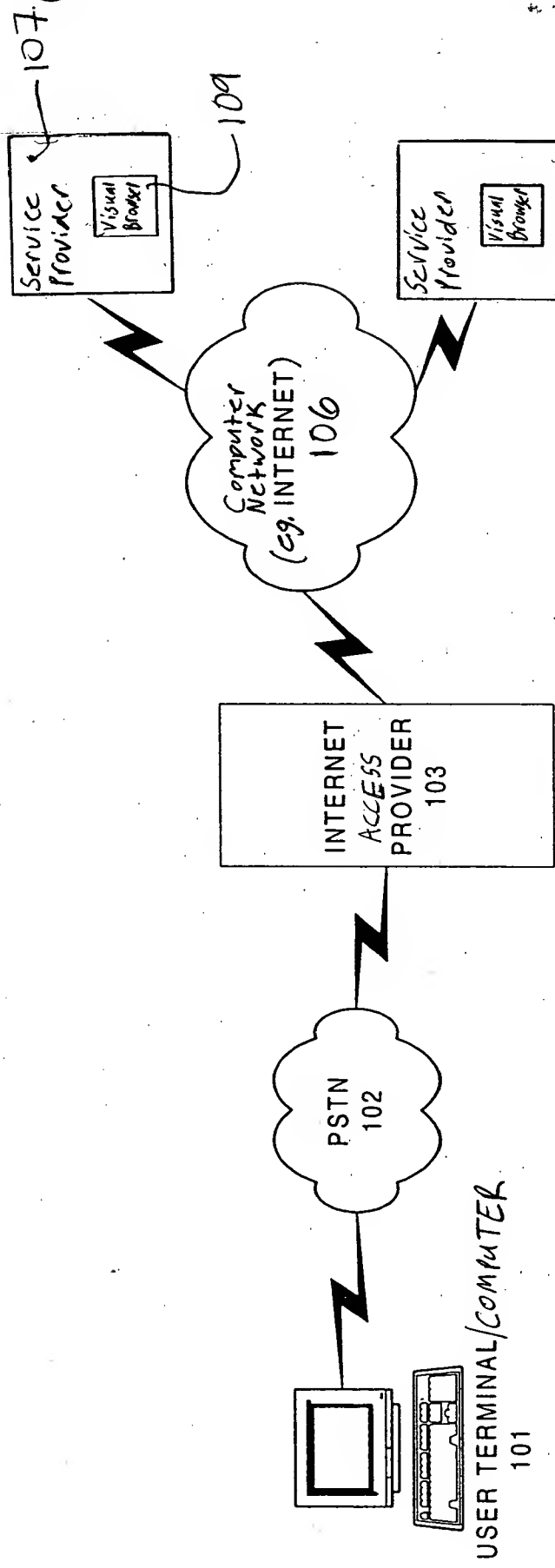


FIGURE 1

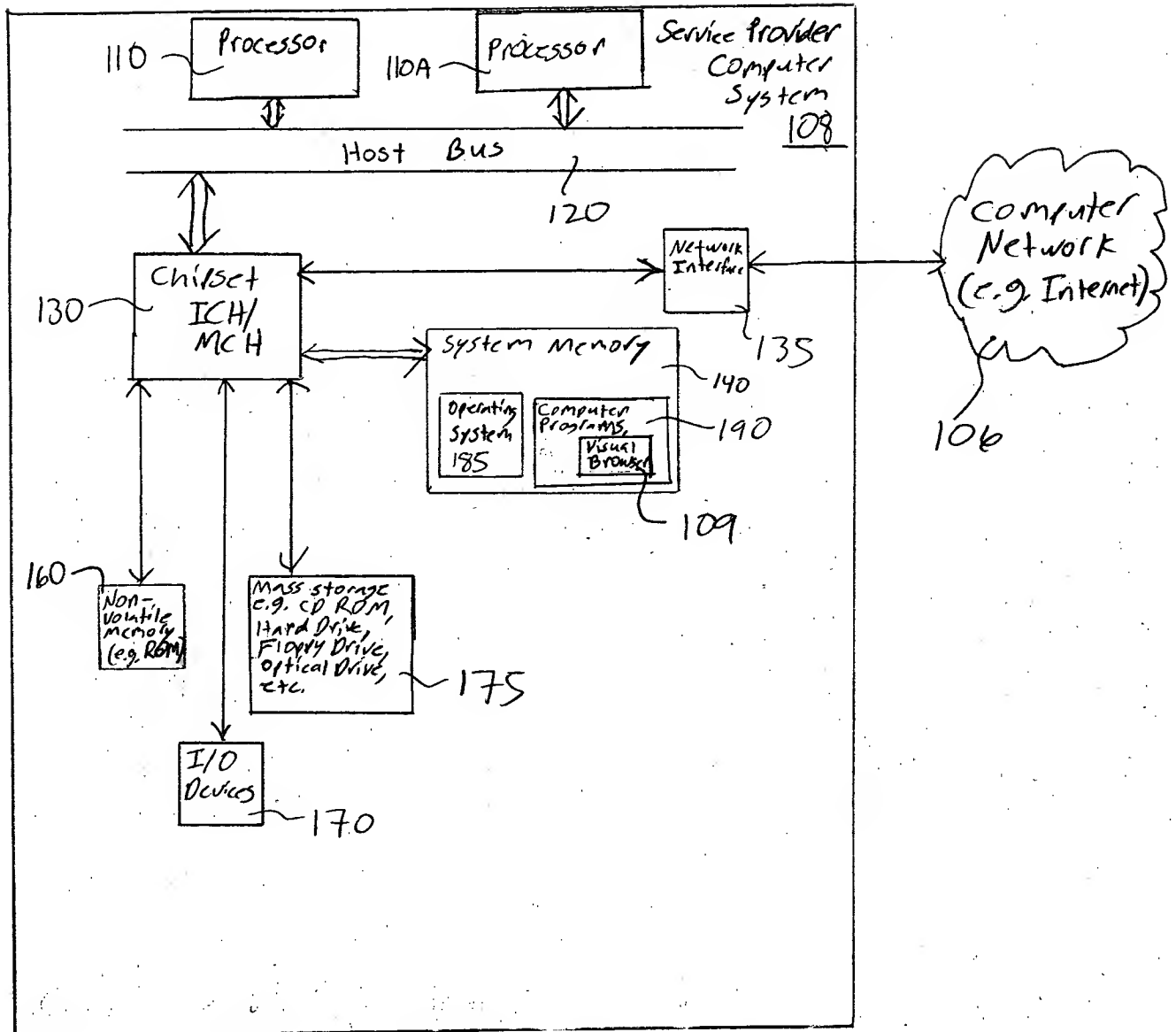


FIGURE 2

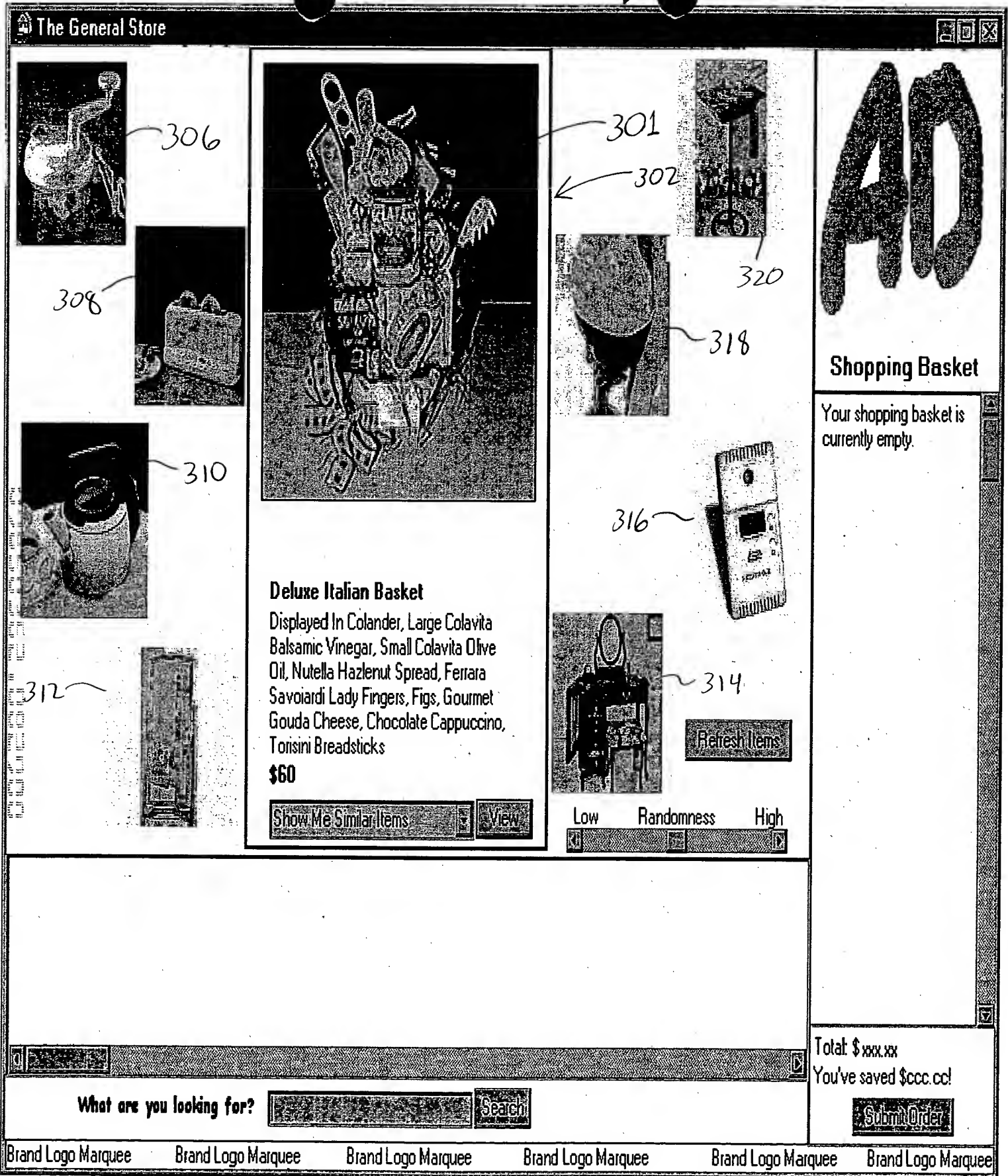


FIGURE 3A

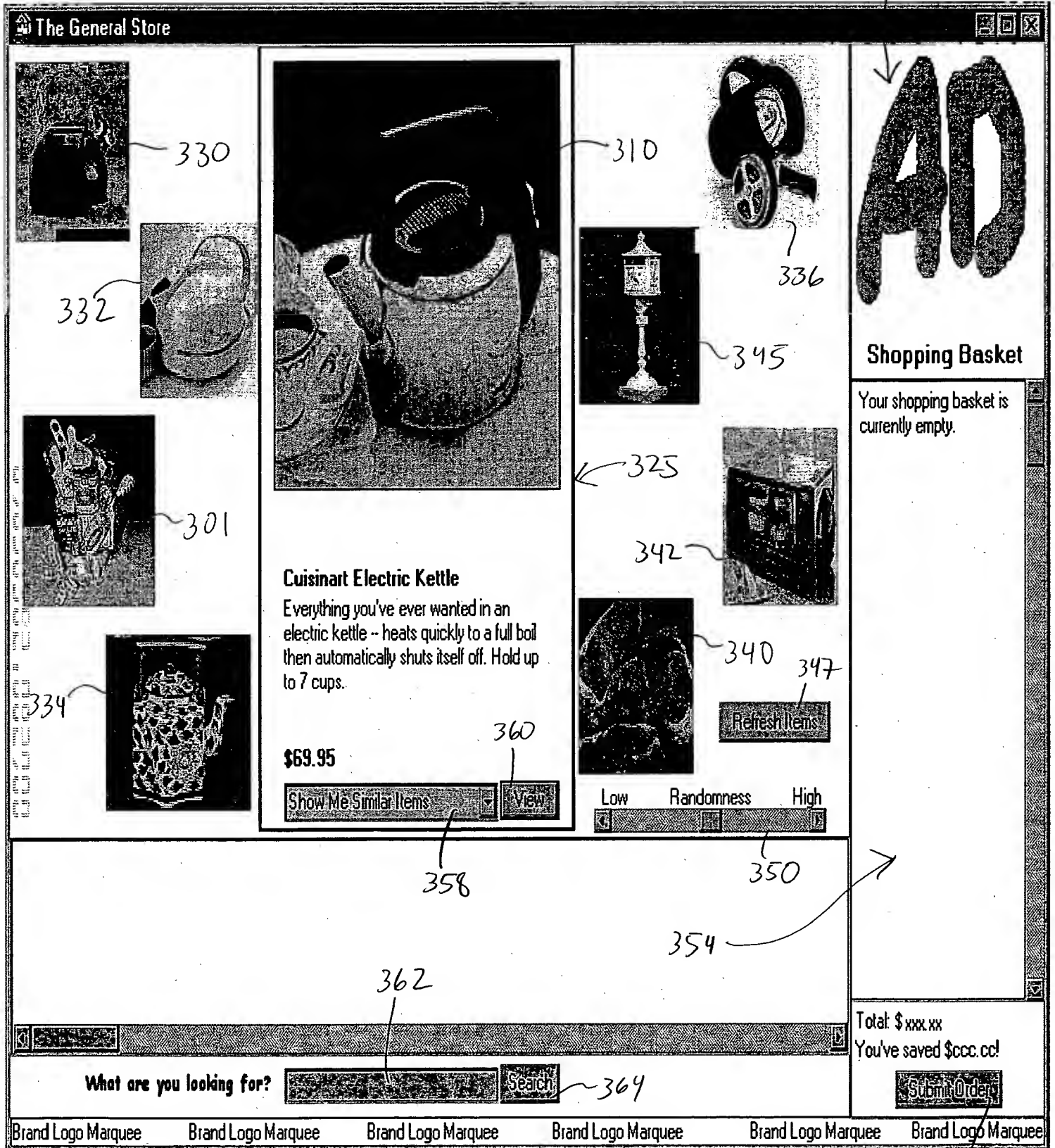


FIGURE 3B

1
OUTLET

summer



women's



men's



shoes



accessories



cosmetics



home



electronics



sports

406

404

408

410

412

452

454

464

400

460

422 → formal

424 → casual

426 → vacation

428 → travel

430 → seasons

432 → on sale

420

456

458

450

440

442

444

446

448

BRANDS ▶

SONY



CHANEL

LEVI'S

ROLEX

CLINIQUE

adidas

Collected Items:

\$0.00

checkout

FIGURE 4A

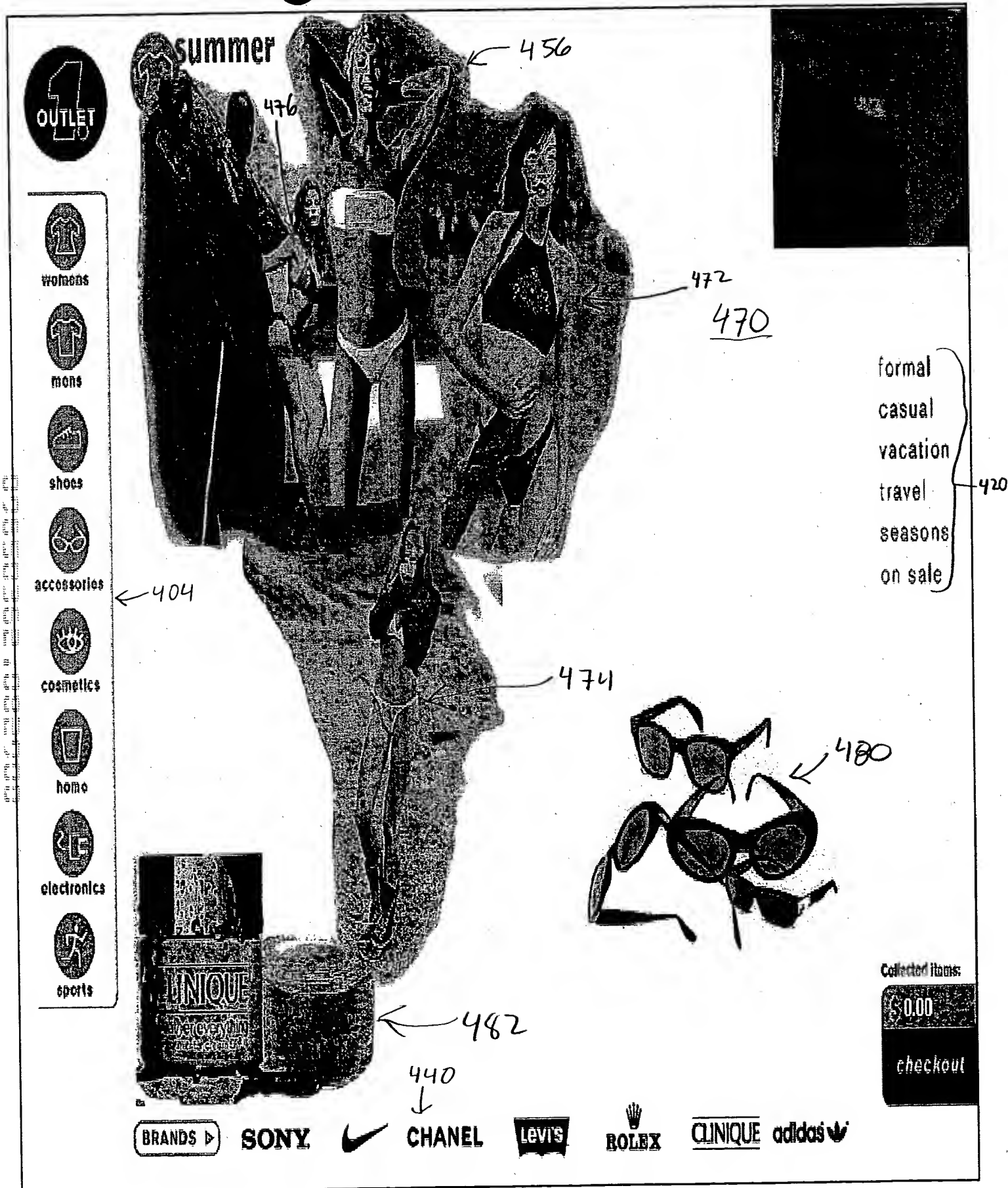


FIGURE 4B

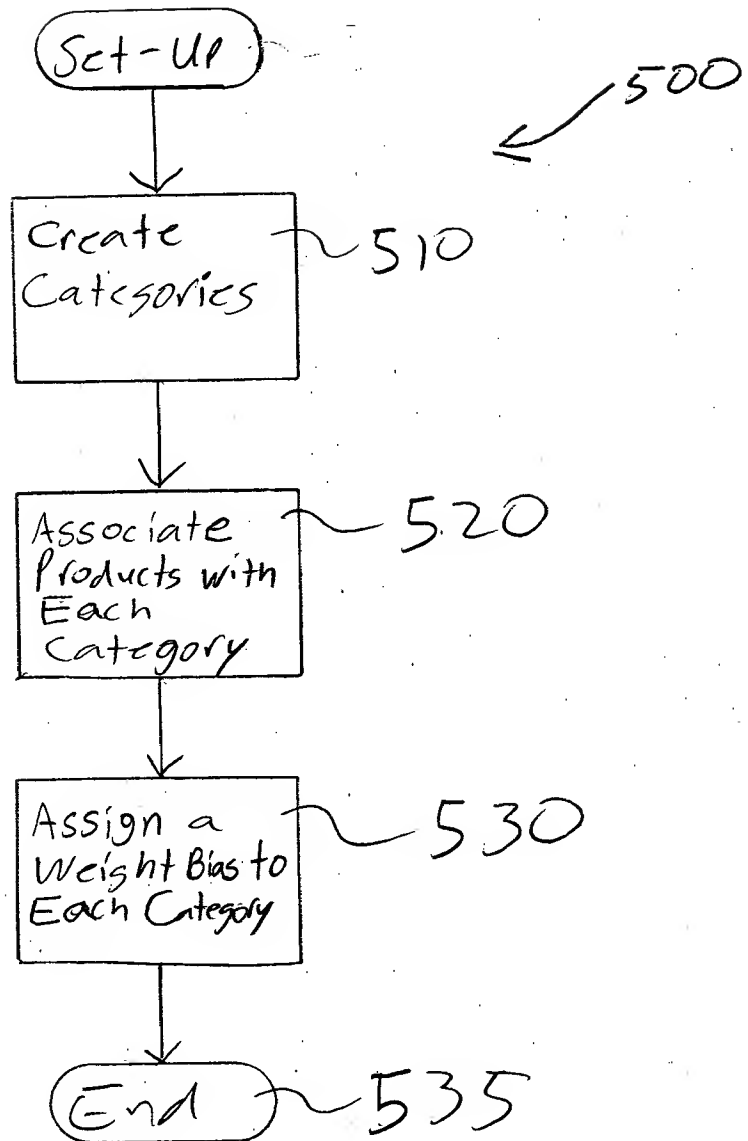


FIGURE 5

Method for Selecting Products

Select a Main product

610

← 600

Select "like" products from "like" categories.
Goto Block 667.

615

Select "dislike" products from "dislike" categories.
Goto Block 679.

620

635

End

NO

Do more products
Need to be
selected
?

630

yes

Determine all of the Available Categories.

640

645

Select One of the Categories
Using the Weight Bias.

650

Randomly Select a product from
the Selected Category

655

Repeat Blocks 645-650 until All product spaces
Have Been Filled Or No More Products
are Available for Selection

660 — (End)

FIGURE 6A

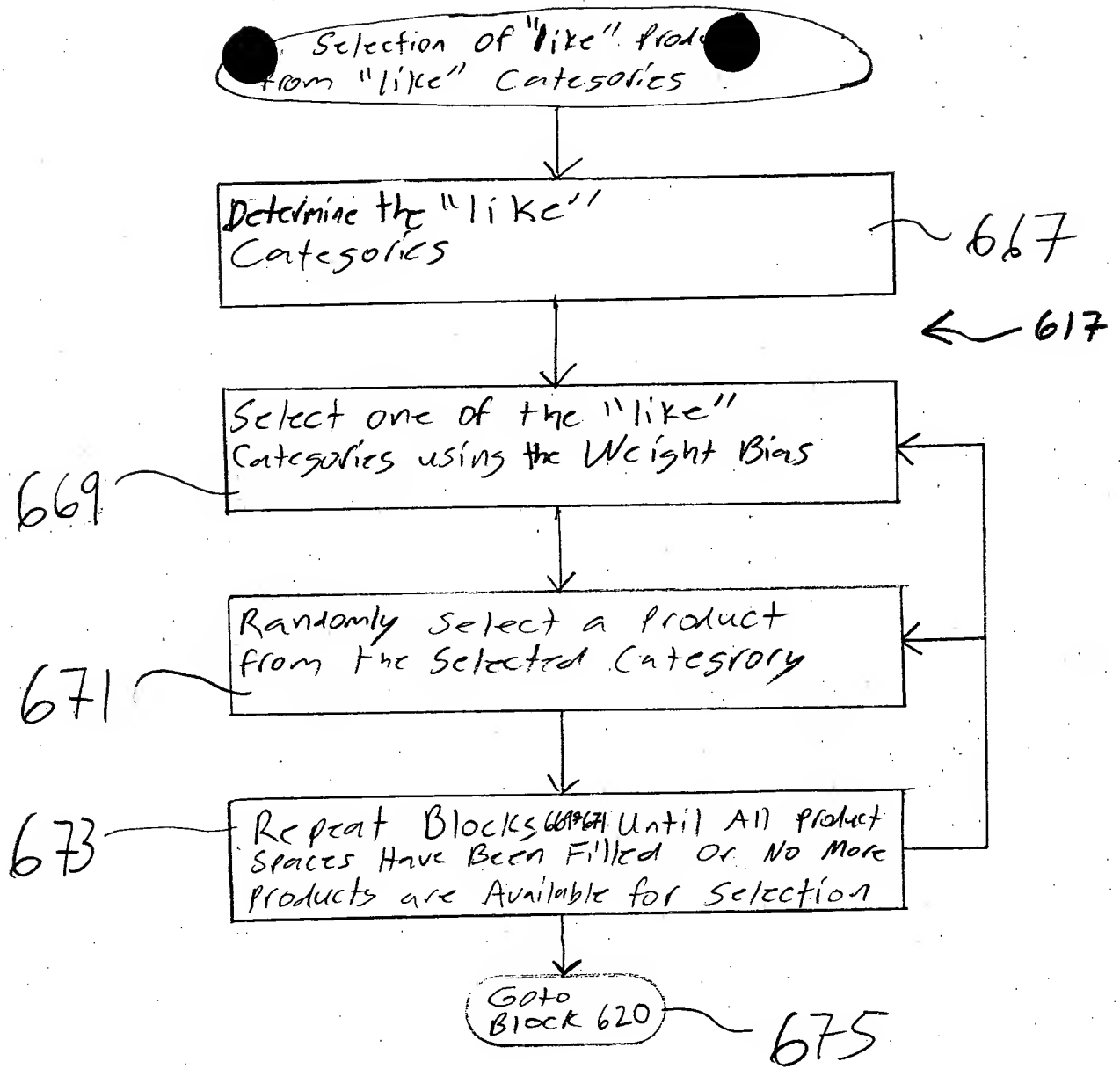


FIGURE 6B

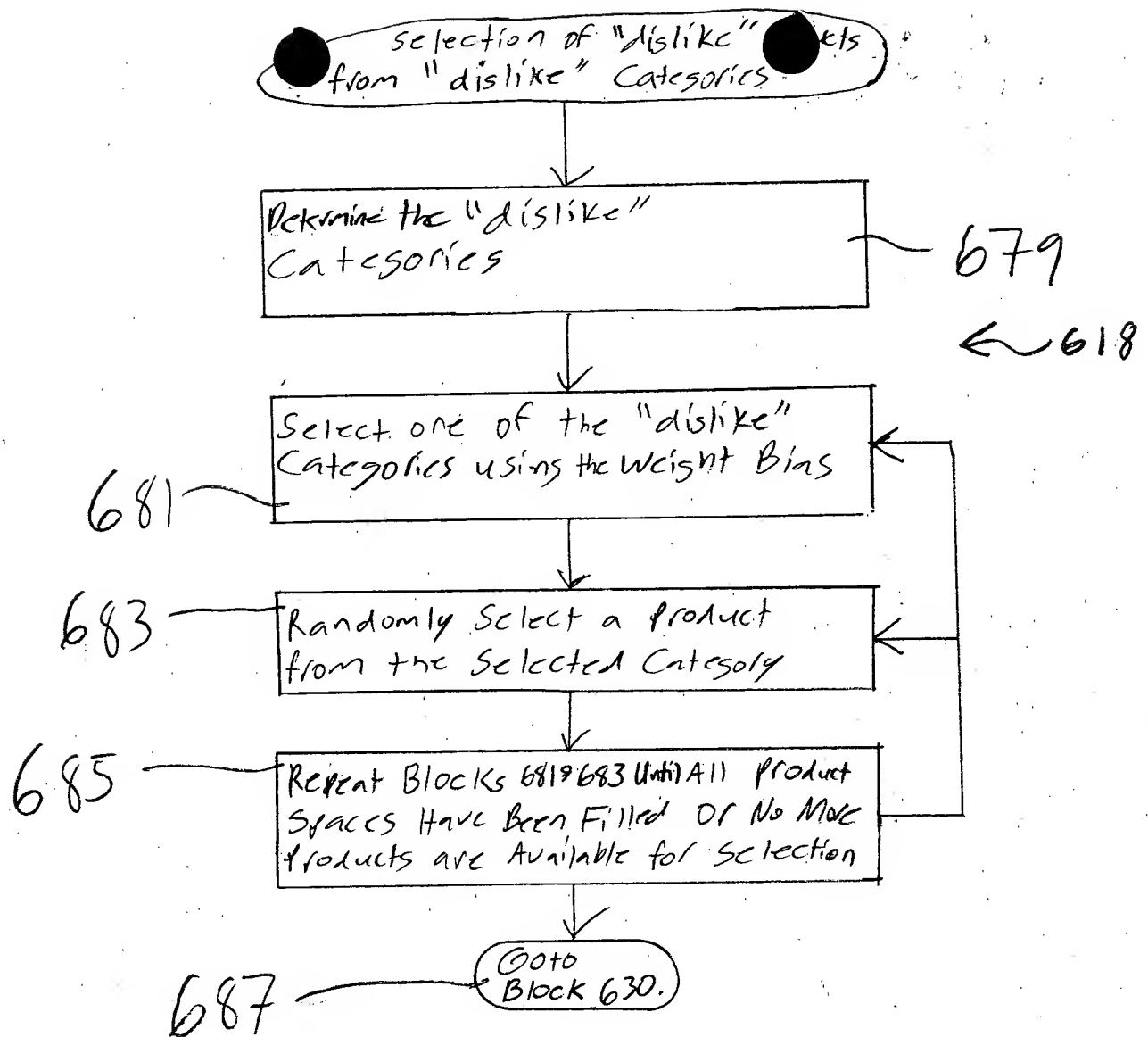


FIGURE 6C

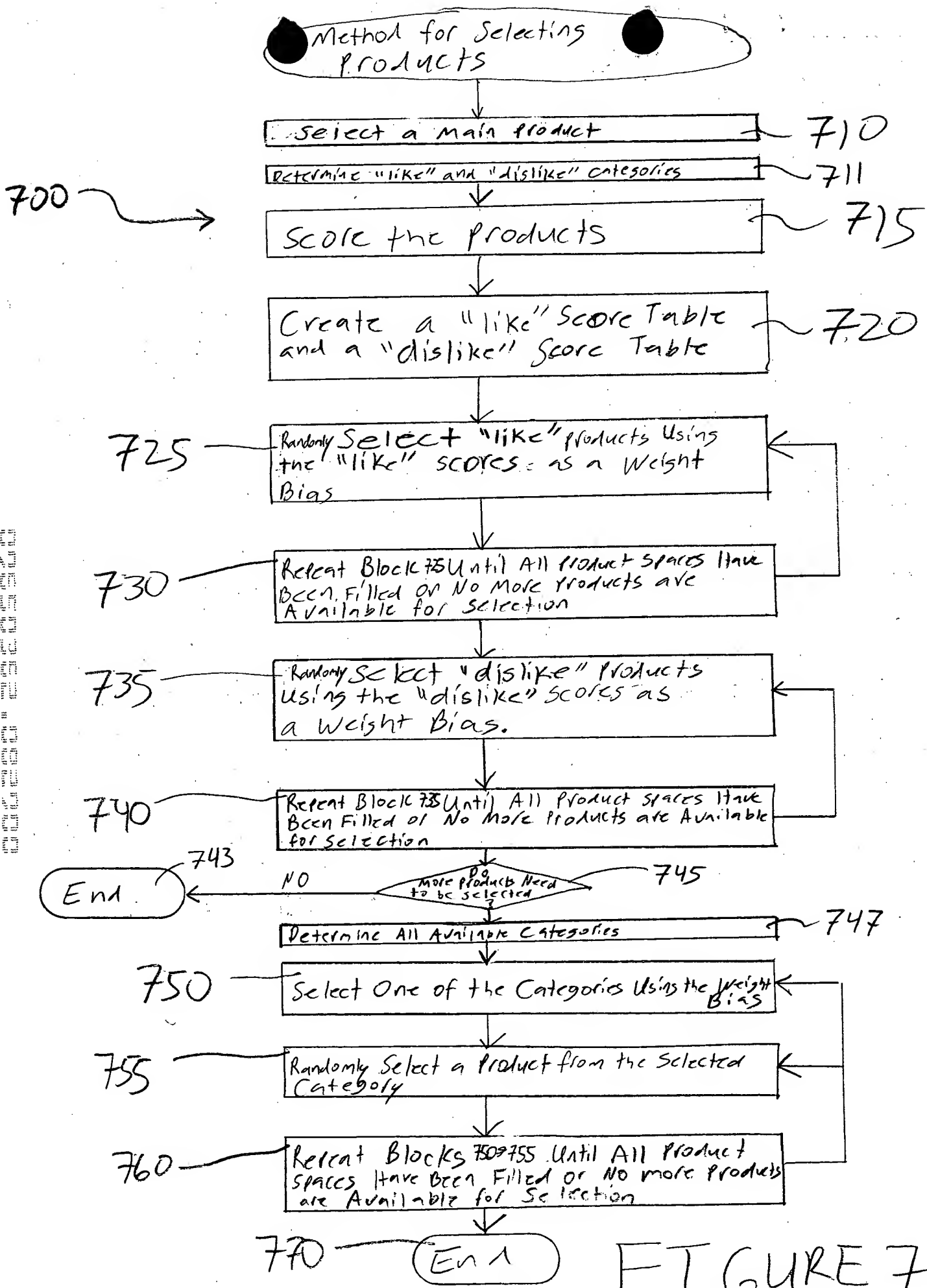


FIGURE 7